

In the Claims:

Cancel claims 1-27 and 36-41

28. (Original) A method of producing a folded fin heatsink member comprising:
 - providing a plurality of holes in a piece of material;
 - aligning said piece of material;
 - punching a fold into said piece of material;
 - retracting the folded fin; and

separating the folded fin from the remaining material.
29. (Original) The method of claim 28 wherein said aligning comprises locating an index hole in said material and using said index hole as a reference point.
30. (Original) The method of claim 29 wherein said aligning further comprises aligning said material between a stripper plate and an upper die.
31. (Original) The method of claim 28 wherein said punching includes lowering an upper die to be adjacent the material.
32. (Original) The method of claim 31 wherein said punching includes raising a die block and fin forming punch.
33. (Original) The method of claim 32 wherein said punching further comprises punching said fold into a cavity of said upper die.
34. (Original) The method of claim 33 wherein said punching further comprises lowering said die block and fin forming punch.
35. (Original) The method of claim 34 wherein said punching further comprises raising the upper die.

Please add the following claims:

42. (New) A heatsink assembly, comprising:

a folded fin member having a first end adapted to be disposed proximate a heat source and a second end, said folded fin member including a thermally conductive sheet having alternating ridges and troughs defining spaced fins having opposite end edges and wherein the fins are provided having at least one aperture in a side edge thereof.

43. (New) The heatsink assembly of claim 42 further comprising a slug coupled to said folded fin member.

44. (New) The heatsink assembly of claim 42 wherein at least one of the fin end edges at the second end of the heat exchanging section is closed.

45. (New) The heatsink assembly of claim 42 wherein at least one of the trough end edges at the first end of said folded fin member is closed.

46. (New) The heatsink assembly of claim 42 further comprising a gas supply source disposed proximate a second end of said folded fin member.

47. (New) The heatsink assembly of claim 42 wherein material which was where said aperture is provided is completely removed from said sidewall.

48. (New) The heatsink assembly of claim 42 wherein material which was where said aperture is provided extends from said sidewall.

49. (New) The heat sink assembly of claim 42 wherein said folded fin member is comprised of material selected from the group including aluminum, copper, brass, a zinc-aluminum die cast, and a zinc alloy material.

50. (New) The heat sink assembly of claim 43 wherein said slug is comprised of material selected from the group including aluminum, copper, brass, a zinc-aluminum die cast, and a zinc alloy material.
51. (New) The heat sink assembly of claim 43 further comprising a thermal interface material disposed on at least one surface of said slug.
52. (New) The heat sink assembly of claim 51 wherein said thermoelectric material is selected from the group consisting of a thermoelectric material and a thermoionic material.
53. (New) The heatsink assembly of claim 43 wherein said slug is disposed in a generally non-vertical position.
54. (New) The heatsink assembly of claim 42 wherein said folded fin member includes a portion disposed in a generally non-vertical position.
55. (New) The heatsink assembly of claim 42 wherein said folded fin member includes at least one section disposed at a different height than another section.